

1003553-11401

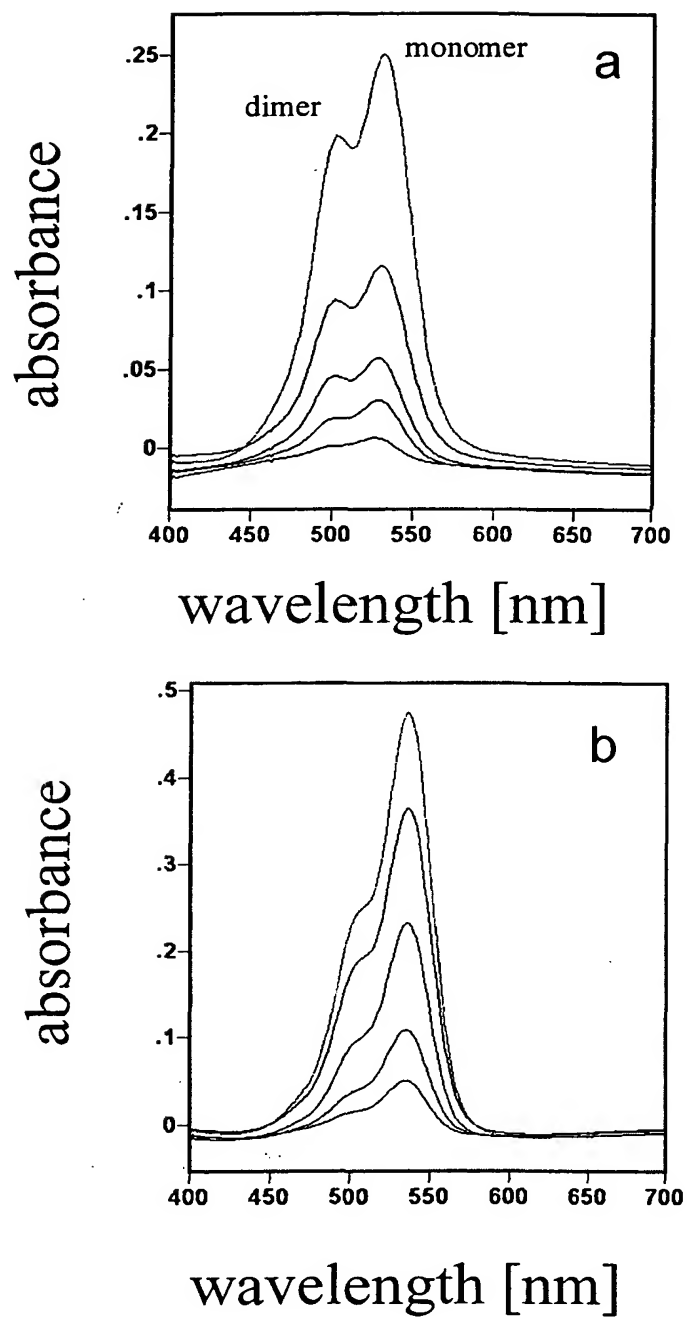


Fig. 1

1002966-111401

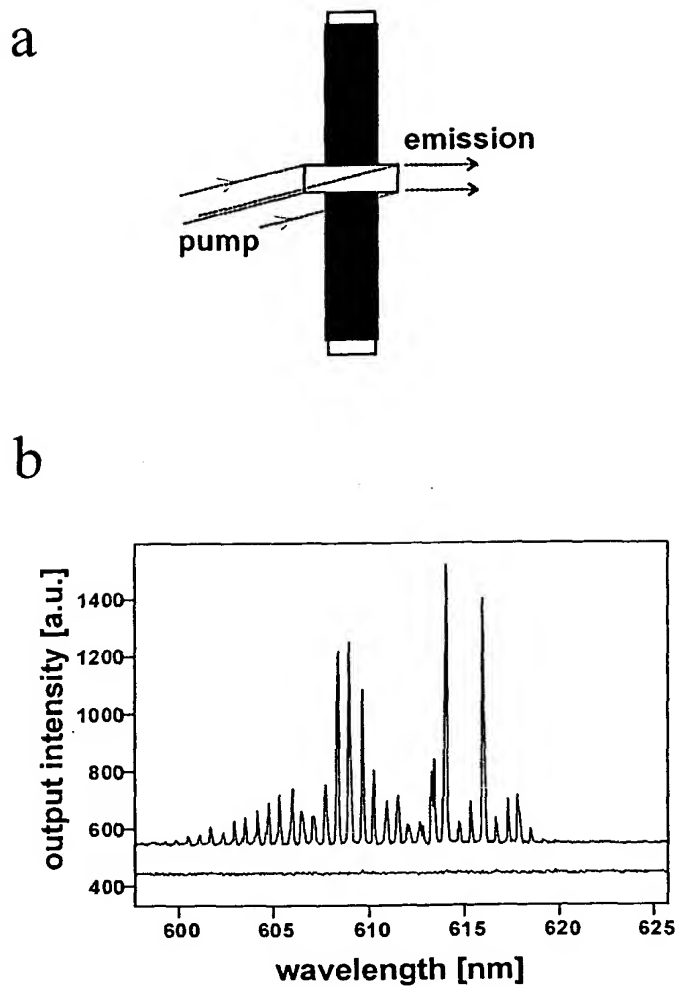
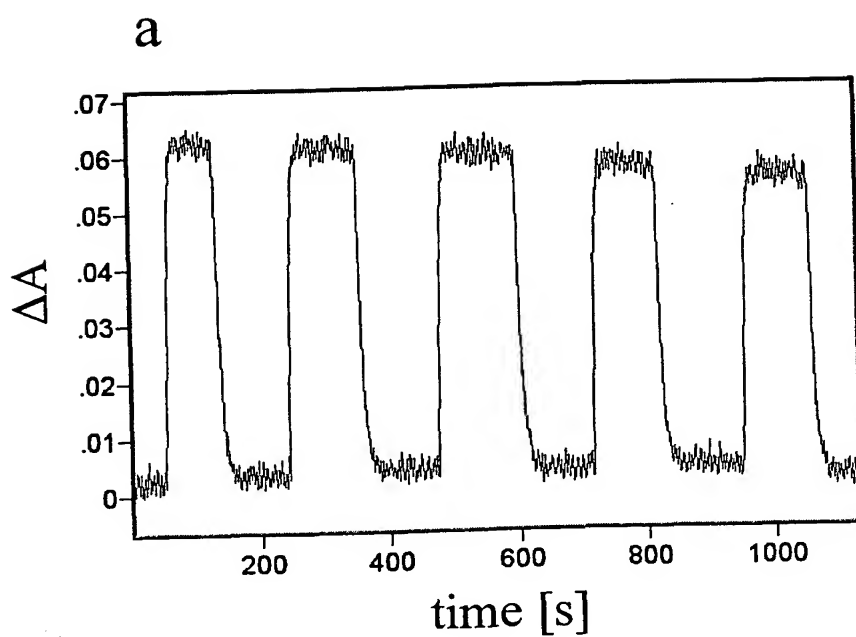
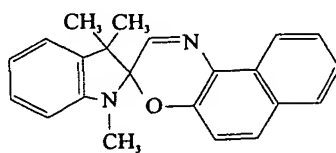


Fig. 2



b



1,3-Dihydro-1,3,3-trimethylspiro[2H-indole-2,3'-[3H]naphth[2,1-b][1,4]oxazine]

Fig. 3

10005969.111404  
104411 29620001

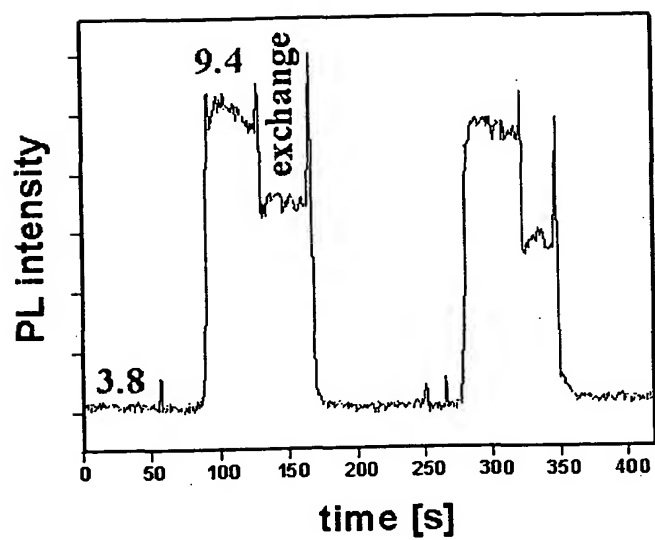


Fig. 4

10002968.11401

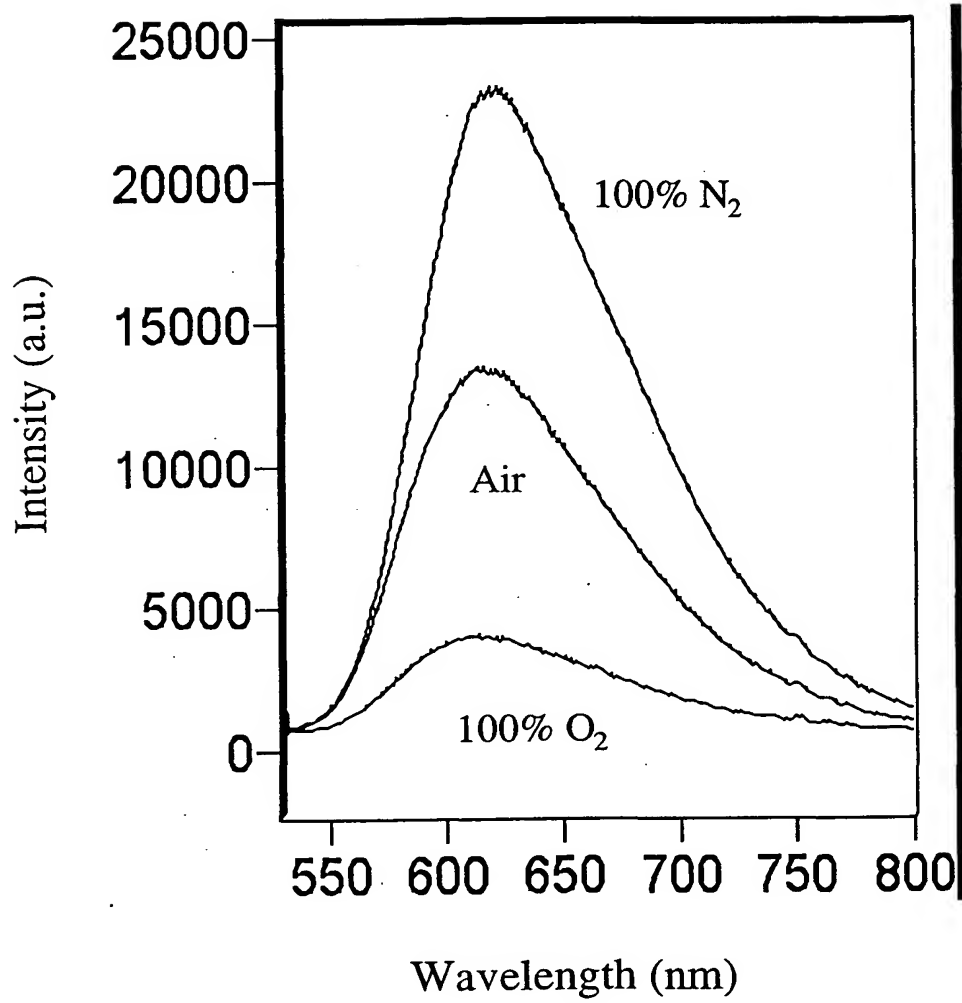
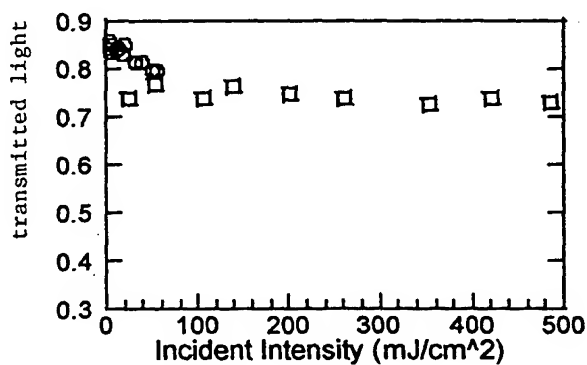
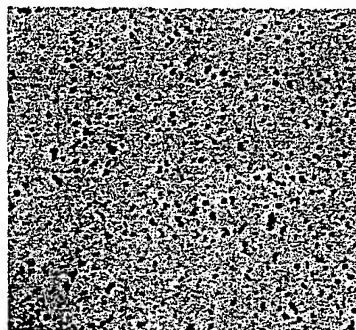


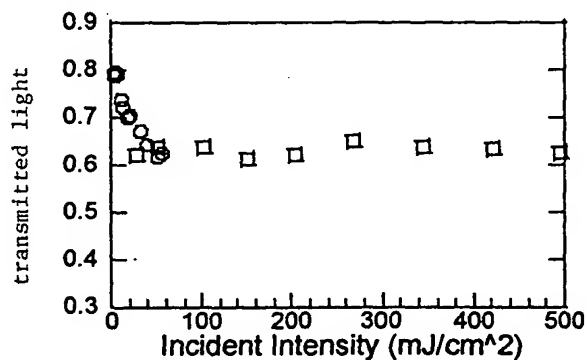
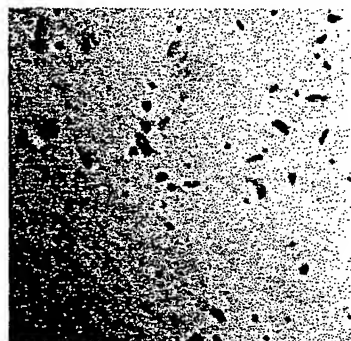
Fig. 5

# Optical Limiting in Porphyrin-Doped Composites

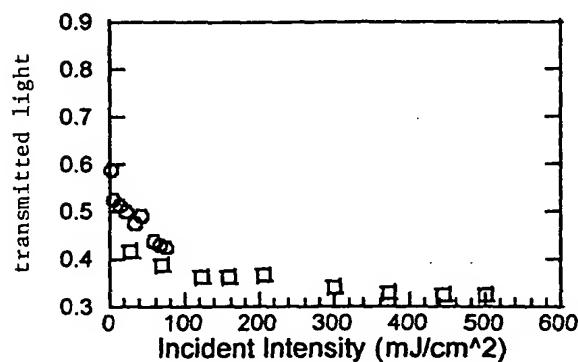
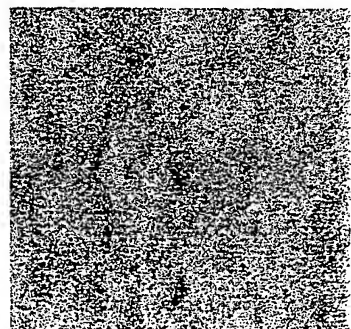
0 wt% F127, [TPP] =  $2 \times 10^{-3}$  Molar



50 wt% F127



60 wt% F127



~2 mm

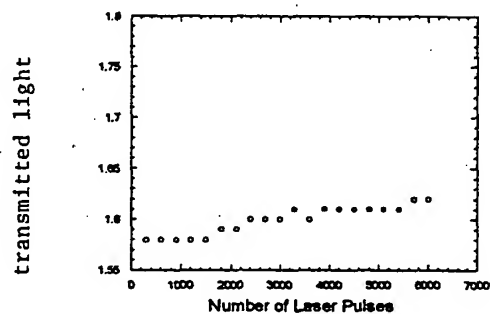
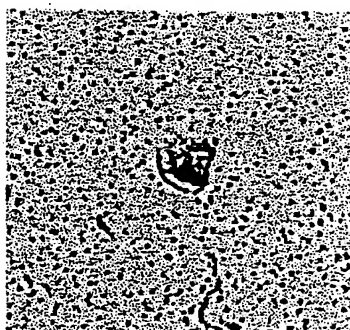
Fig. 6a

10002968-1140  
TOTAL = 89620001

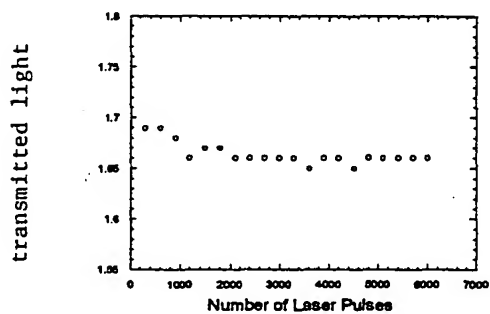
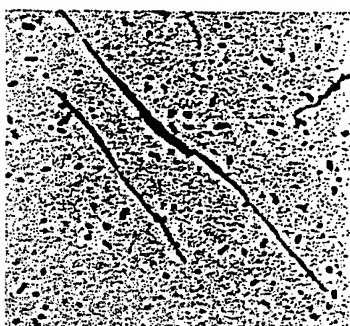
# Damage Thresholds

498 mJ/cm<sup>2</sup> per pulse at 532nm

0 wt% F127



50 wt% F127



60 wt% F127

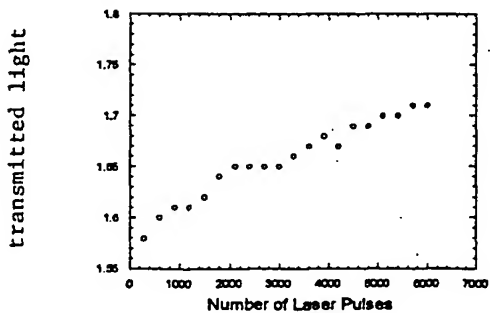
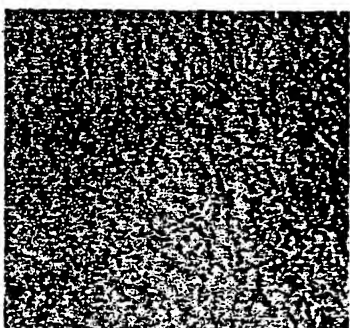


Fig. 6b

10002968-11401

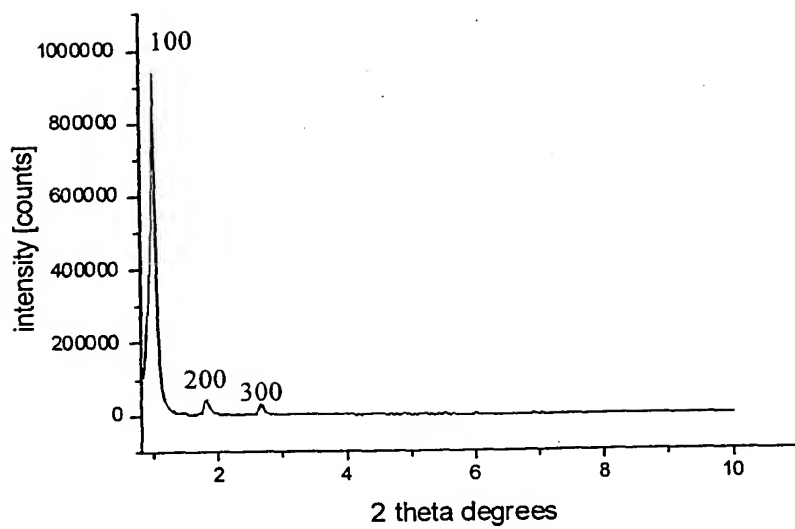


Fig. 7



10002968.111401

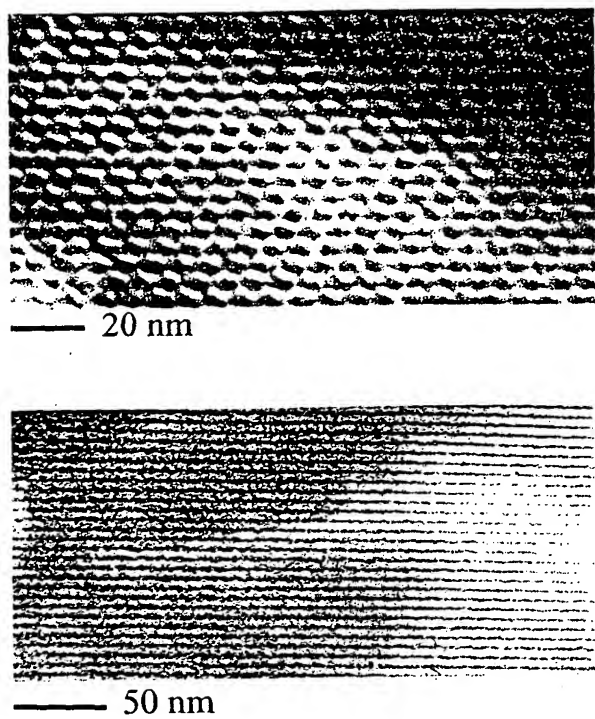


Figure 8

1002968.11401

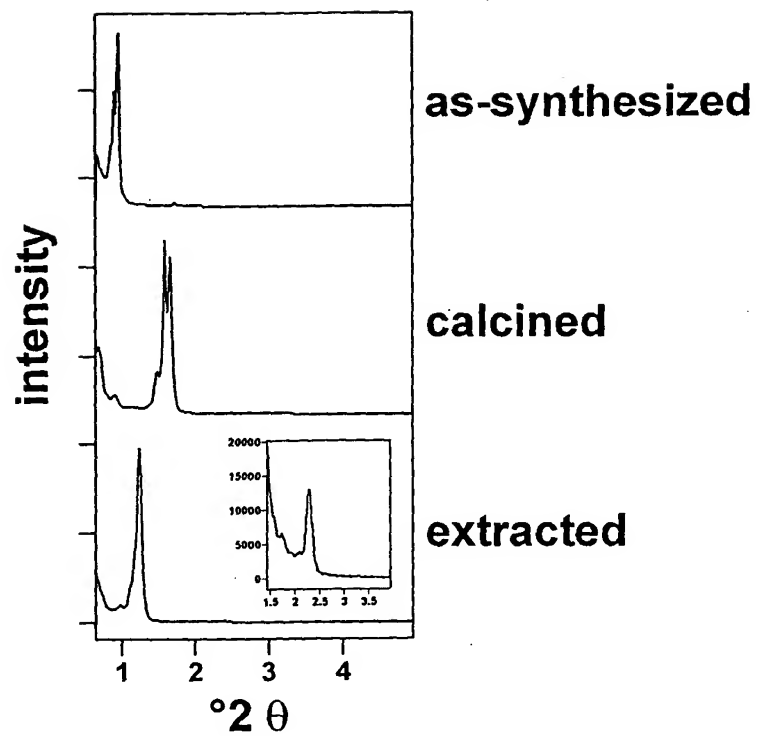


Fig. 9

10002968.41401

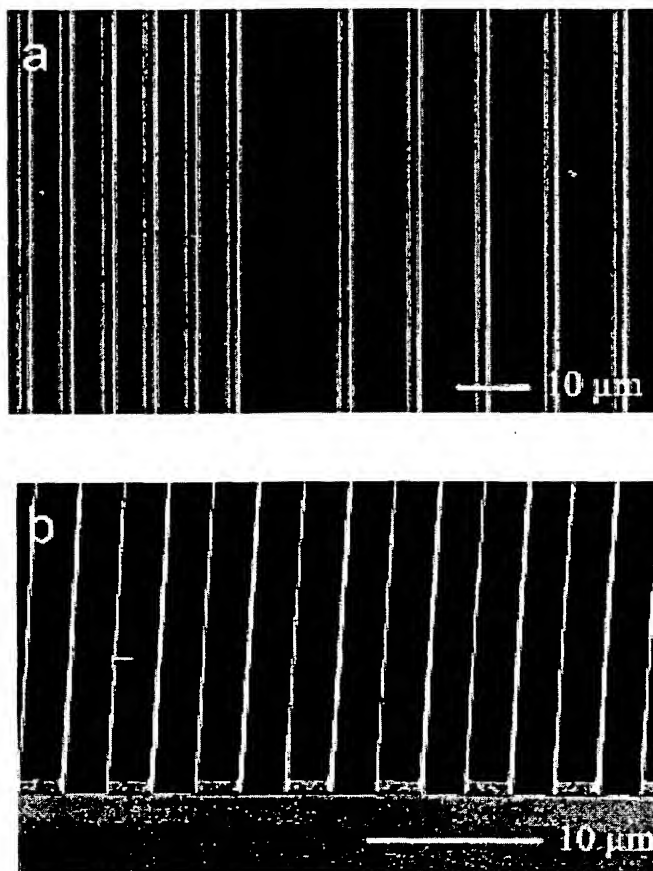


Fig.10

1000996 1140

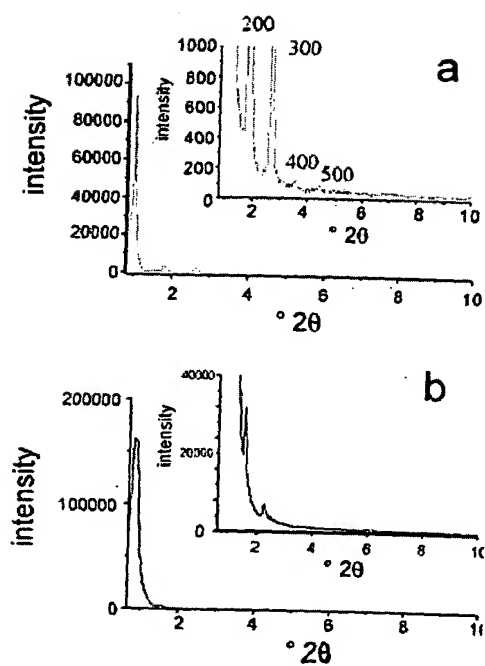


Fig. 11

10002968-111401

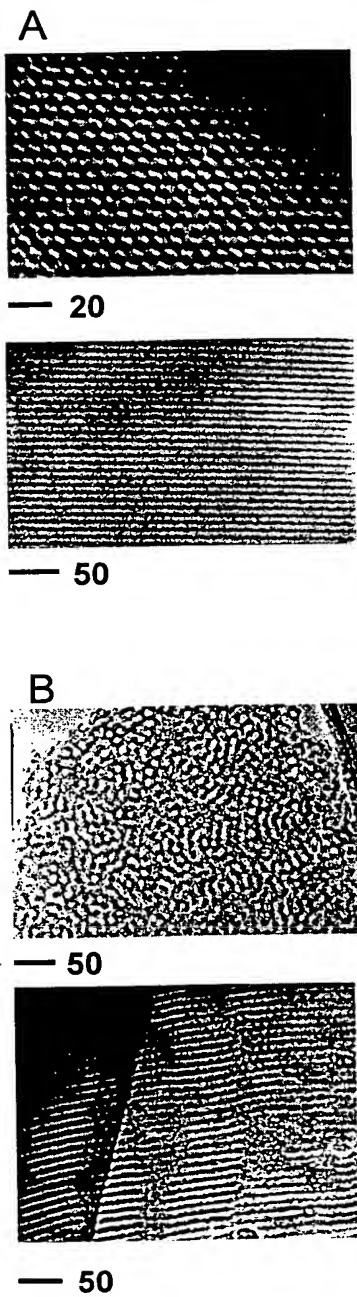


Fig. 12

10002968.11401

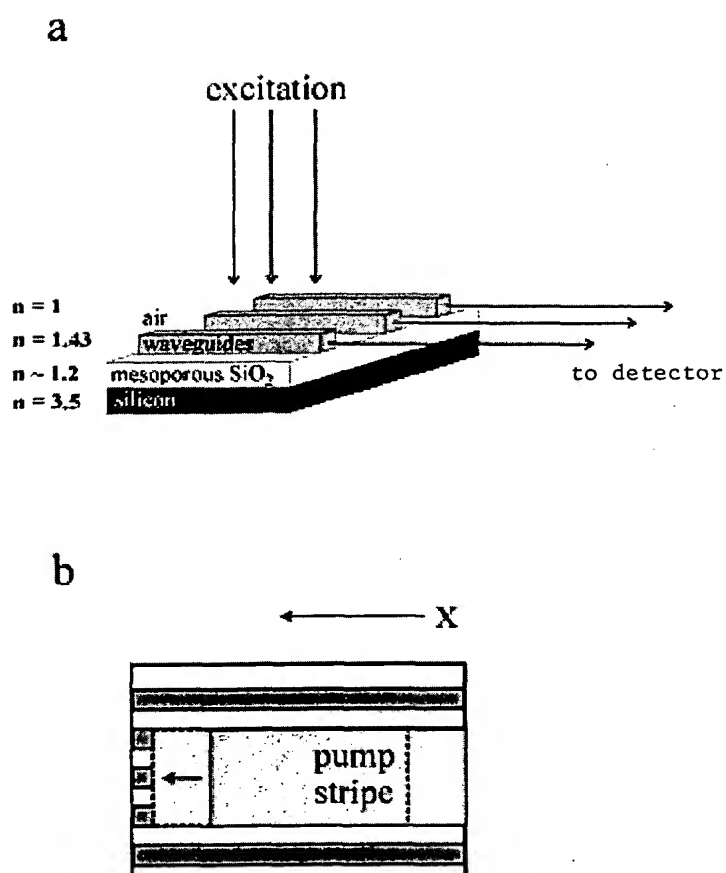


Fig.13

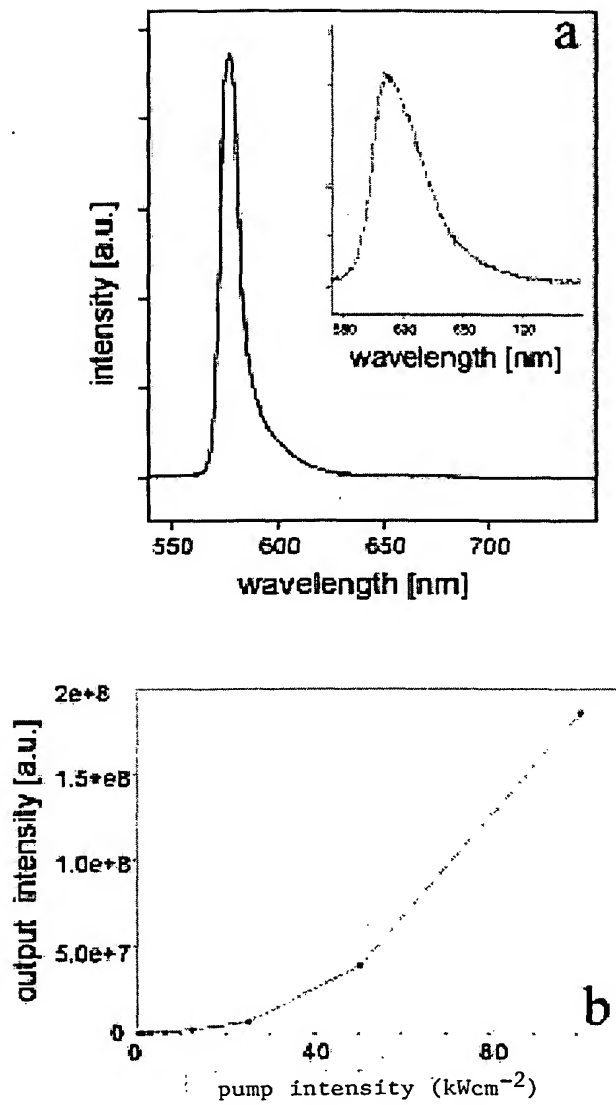
[illegible]

Fig. 14

10009561-11401

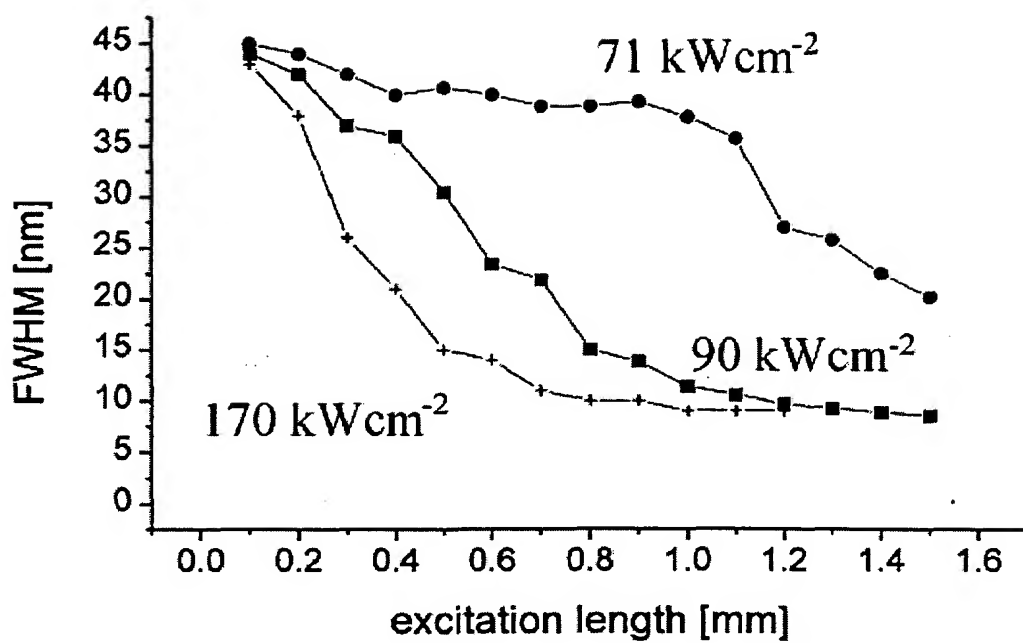


Fig. 15



10002668-11101

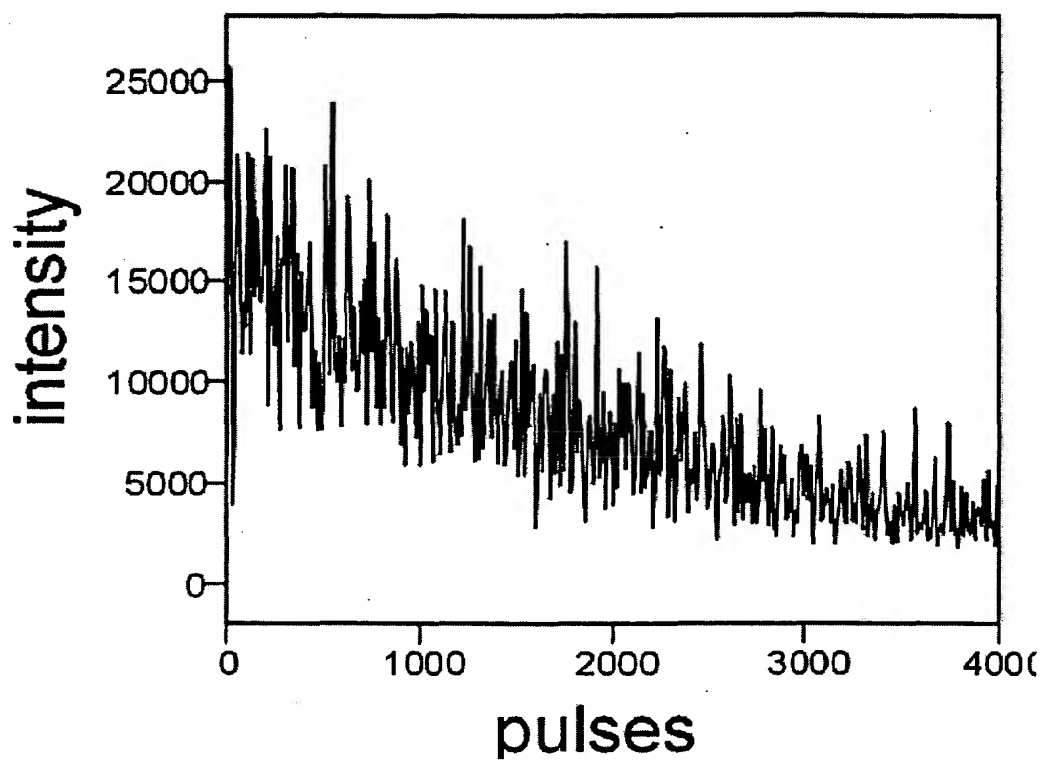


Fig. 16

10002558.11404

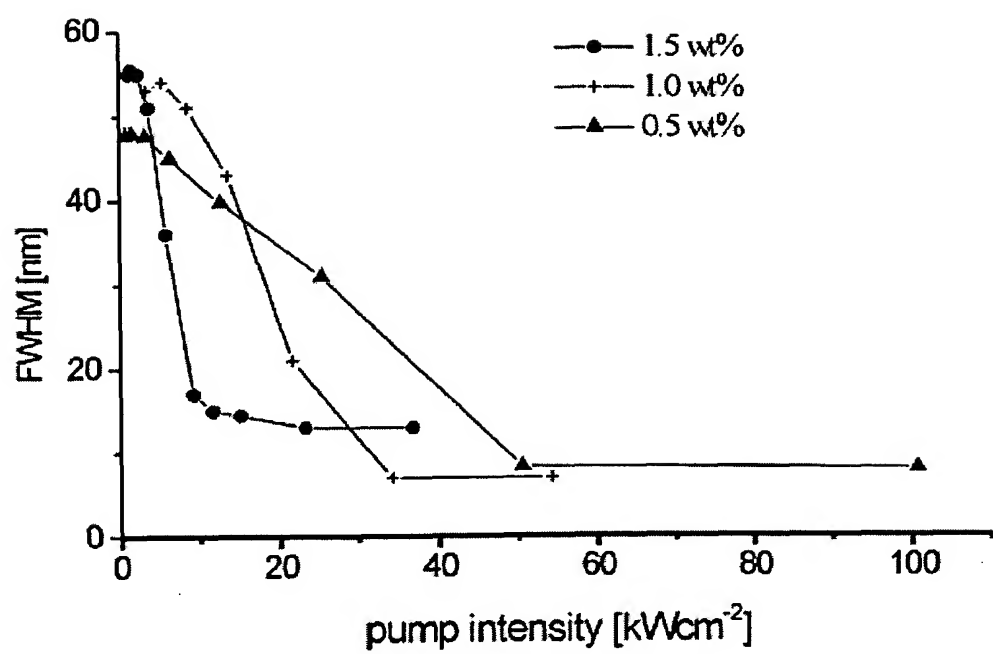


Fig. 17